10/27/08 and   10/2	Solicitatio		# props	# new			award	
2005 Tremestal Plane Frieder Conception   13   5   36% Astrophysics   25   3   12% Astrophysics   25   3   3   12% Astrophysics   25   3   3   3   3   3   3   3   3   3							1st yr in	Notes
2005 Terrestrial Planet Finder Foundaries Science					27%	Astrophysics		
2000   Semin Guest Investigator - Cycle 2	2005	Terrestrial Planet Finder Coronagraph / Instrument Concept Studies			38%	Astrophysics		ļ
2005   South Guest Investigator - Cycle 2	2005	Terrestrial Planet Finder						
2007 Suhff Goest Investigator - Cycle 3  2008 Substant General - Cycle 1  2008 Substant General - Cycle 2  2008 Substant General - Cycle 3  2008 Subst	2005	Swift Guest Investigator = Cycle 2			49%	Astrophysics		<del> </del>
2003 Sentif Guest Investigator - Cycle 3	2007	Swift Guest Investigator Cycle 4			34%	Astrophysics		·
2005 Select   Color	2006	Swift Guest Investigator Cycle 3	88	45	51%	Astrophysics		
2005   Suzhal Custor Cheever - Cycle   S   50   56% Astrophysics   2007   Suzhal Custor Cheever - Cycle   S   100   F   66% Astrophysics   280   March State   280	2008	Swift Guest Investigator - Cycle 5						
2006   Suziku Gueer Observer - Cycle 2   156   61   52%   Astrophysics   28 \ \ \text{Us New Corp.}	2003	SWIFT GI - Cycle 1	63	35	56%			
2006   Suziku Gueer Observer - Cycle 2   156   61   52%   Astrophysics   28 \ \ \text{Us New Corp.}	2007	Suzaku Guest Observer Cycle 3	120		66%	Astrophysics		
2009   Journal Quest Observer - Cycle 4	2006	Suzaku Guest Observer Cycle 2	156	81	52%	Astrophysics	28	(US Pls only)
2005 Nose X-ray Timing Explorer Cured Diseaser - Cycle 1	2008	Suzaku Guest Observer - Cycle 4		i		Astrophysics		
2006   Congress of Sale Systems   2007   355%   Astrophysics   2008   Congress of Sale Systems   2008   365%   Astrophysics   2008   365%   Astrophysics   2008   Congress   2008   Congress   2008   Congress   2008   Congress   2008   Congress   2008   Congress   2009   Congress	2004	RXTE Guest Investigator - Cycle 10						
2006   AMST LG. Guest Disserver-Cycle 1	2005	Rossi X-ray Timing Explorer Guest Observer – Cycle 11		59	45%	Astrophysics		
2008   AMAST U.S. Guest Observer-Cycle 1   12   4   33%   Astrophysics   2003 Long Term Astrophysics   86   19   22%   Astrophysics   2003 Long Term Astrophysics   86   19   22%   Astrophysics   2003 Long Term Astrophysics   2003 Replace Transplants   2004 Long Term Astrophysics   2008   Astrophysics   2009   Astrophysics   20					35%	Astrophysics		
2003   Aug   Term   Space Astrophysics   94   17   189   Astrophysics   2007   August   Astrophysics   94   17   189   Astrophysics   2007   August   August   August   August   2007   August   August   2007   August   2007   August   2008   August   2007   August   2008   August   2007   August   2008   August   20	2006	Origins of Solar Systems-B						
2003   Along Term Astrophysics   94   17   18%   Astrophysics	2008	MOST U.S. Guest Observer- Cycle 1			33%	Astrophysics		
2007   Replace Participating Scientists   37   8   22%   Astrophysics	2004	Long-Term Space Astrophysics						
2008   Astrophysics   Astrophysics   Astrophysics   2007 (IALEX Cycle   167   44   265   Astrophysics   2007 (IALEX Cycle   167   44   265   Astrophysics   2007 (IALEX Cuest Investigator - Cycle 3   76   32   425   Astrophysics   2008 (IALEX Cuest Investigator - Cycle 3   76   32   425   Astrophysics   2008 (IALEX Cuest Investigator - Cycle 3   76   32   425   Astrophysics   2008 (IALEX Cuest Investigator - Cycle 5   76   76   32   425   Astrophysics   2008 (IALEX Cuest Investigator - Cycle 5   76   77   78   78   78   Astrophysics   2008 (IALEX Cuest Investigator - Cycle 5   70   70   77   78   78   78   78   78	2003	Long Term Astrophysics			18%	Astrophysics		
2007   GLAST Cycle   167   44   26%   Astrophysics   2007   GLAST Cycle   167   44   26%   Astrophysics   2007   GALEX Cuest Investigator - Cycle 3   76   32   42%   Astrophysics   2005   GALEX Cuest Investigator - Cycle 2   76   42   25   36%   Astrophysics   2005   GALEX Cuest Investigator - Cycle 3   77   27   28   28   28   28   28   28	2007	Kepler Participating Scientists	37	8	22%			
2007 (GALEX Cuest investigator - Cycle 4	2008	Kepier Guest Observer - Cycle 1		ļ		Astrophysics	ļ	ļ
2006 GALEX Guest Investigator - Cycle 3	2004	INTEGRAL			74%	Astrophysics		
2006 GALEX Guest Investigator - Cycle 3	2007	GLAST Cycle I						ļ
2005   GALEX Guest Investigator - Cycle 1	2007	GALEX Guest Investigator Cycle 4		35	35%	Astrophysics		ļ
2004 GALEX Guest Investigator - Cycle 1								ļ
2006   GALEX Guest Investigator - Cycle 5	2005	GALEA Guest Investigator Cycle 2			39%	Astrophysics		ļ
2008   GALEX Guest Investigator - Cycle 5   70   Cancelled   Can	2004	GALEX Guest Investigator Cycle 1	101	53	52%	Astrophysics		
2008   GALEX Guest Investigator - Cycle 5   70   Cancelled   Can				1				2400kaaa
2008   CALEX Guest Investigator - Cycle 5   70   37   53%   Astrophysics   Sace selected   2009   FUSE Guest Investigator - Cycle 7   81   49   60%   Astrophysics   2000   FUSE Guest Investigator - Cycle 9   2006   61%   61%   63%   Astrophysics   2006   FUSE Guest Investigator - Cycle 9   2006   61%   61%   63%   Astrophysics   2006   FUSE Guest Investigator - Cycle 8   168   62   57%   Astrophysics   2007   FUSE Guest Investigator - Cycle 8   168   62   57%   Astrophysics   2003   FUSE Cycle 5   688   62   57%   Astrophysics   2003   Ensieth Probes   10   100%   Astrophysics   2005   Concept Studies for the Joint Dark Energy Mission   6   3   50%   Astrophysics   2005   Concept Studies for the Joint Dark Energy Mission   6   3   50%   Astrophysics   2005   Elevand Einstein Foundation Science   69   61   62%   Astrophysics   2005   Elevand Einstein Foundation Science   54   7   13%   Astrophysics   2006   Elevand Einstein Foundation Science   54   7   13%   Astrophysics   2006   Elevand Einstein Foundation Science   54   7   13%   Astrophysics   2006   Elevand Einstein Foundation Science   54   7   13%   Astrophysics   2007   Astrophysics Theory and Fundamental Physics (ATEP)   164   37   20%   Astrophysics   2007   Astrophysics Theory and Fundamental Physics (ATEP)   177   39   22%   Astrophysics   2006   Elevand Einstein Foundation Science   2006   Elevand Einstein Foundation Science   2006   Elevand Einstein Foundation Science   2007   Astrophysics Theory and Fundamental Physics (ATEP)   177   39   22%   Astrophysics   2007   Astrophysics Theory and Fundamental Physics (ATEP)   177   39   22%   Astrophysics   2006   Elevand Einstein Foundation Science								
2007   FUSE Legacy Science Program   Cancelled   Cancelled   Cancelled   Astrophysics   Cancelled	2008	CALEY Guest Investigator - Cycle 5	70	37	53%	Aetrophyeice		
2005 FUSE Guest Investigator — Cycle 7	********	PLOCE I CONTROL OF THE PROPERTY OF THE PROPERT			Cancelled	Astrophysics		
2003   Einstein Probes   10   10   100%   Astrophysics	2007	FLISE Guest Investigator - Cycle 7			60%	Aetrophysics		Cancelled
2003   Einstein Probes   10   10   100%   Astrophysics	2007	FLISE Guest Investigator Cycle 9						Cancelled
2003   Einstein Probes   10   10   100%   Astrophysics	2006	FLISE Guest Investigator Cycle 8						ļ
2003   Einstein Probes   10   10   100%   Astrophysics	2000	FLISE Guest Investigator - Cycle 6			31%	Aetrophysics		<u> </u>
2003   Einstein Probes   10   10   100% (Astrophysics   2005 Concept Studies for the Joint Dark Energy Mission   6   3   3   3   3   3   3   3   3   3	2004	FUSE Cycle 5			37%	Astronhysics		
2005 Concept Studies for the Joint Dark Energy Mission         6         3         50% Astrophysics           2004 Beyond Einstein Foundation Science         69         16         23% Astrophysics           2005 Beyond Einstein Foundation Science         54         7         13% Astrophysics           2006 Beyond Einstein Foundation Science         56         12         21% Astrophysics           2003 Astrophysics Theory Program         133         32         24% Astrophysics           2007 Astrophysics Theory and Fundamental Physics (ATFP)         184         37         20% Astrophysics           2008 Astrophysics Theory and Fundamental Physics (ATFP)         177         39         22% Astrophysics           2008 Astrophysics Theory and Fundamental Physics (ATFP)         177         39         22% Astrophysics           2004 Astrophysics Theory         111         22         20% Astrophysics         111           2005 Astrophysics Theory         118         20         17% Astrophysics           2006 Astrophysics Theory         118         20         17% Astrophysics           2007 Astrophysics Strategic Mission Concept Studies         43         19         44% Astrophysics           2007 Astrophysics Data Arabysis         133         51         38% Astrophysics           2008 Astrophysics Data Arabysis<	2003	Finstein Prohes			100%	Astrophysics		ļ
2004   Beyond Einstein Foundation Science   58								<del> </del>
2005   Beyond Einstein Foundation Science   54   7   133%   Astrophysics	2004	Reyond Finstein Foundation Science			23%	Astrophysics		·
2006   Beyond Einstein Foundation Science   56   12   21%   Astrophysics	2005	Beyond Einstein Foundation Science		7	13%	Astrophysics		
2007   Astrophysics Theory and Fundamental Physics (ATFP)   133   32   24%   Astrophysics				12				
2007   Astrophysics Theory and Fundamental Physics (ATFP)   184   37   20%   Astrophysics   emails   selecting 3 on   10/27/08 and   nine additional   selections were made in Feb.   2004   Astrophysics Theory and Fundamental Physics (ATFP)   177   39   22%   Astrophysics   111   2009   2005   Astrophysics Theory   111   22   20%   Astrophysics   111   2009   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2007   Astrophysics Strategic Mission Concept Studies   43   19   44%   Astrophysics   425,000 to   18   2007   Astrophysics Strategic Mission Concept Studies   43   19   44%   Astrophysics   425,000 to   18   2007   Astrophysics Data Program   111   31   38%   Astrophysics   38%   38%   Astrophysics   2006   Astrophysics Data Program   111   31   32%   Astrophysics   2006   Astrophysics Data Panalysis   99   35   35%   Astrophysics   2007   Astrophysics Data Panalysis   99   35   35%   Astrophysics   2007   Astrophysics Data Panalysis   99   35   34   36%   Astrophysics   2008   Astrophysics Research and Analysis   95   34   36%   Astrophysics   2006   Astrophysics Research and Analysis   400   49   49%   Astrophysics   2006   Astrophysics Research and Analysis   400   45   28%   Astrophysics   2006   Astrophysics Research and Analysis   400   45   45   28%   Astrophysics   2006   Astrophysics   2007   Astrophysics Research and Analysis   400	2003	Astrophysics Theory Program	133	32	24%	Astrophysics		
Emails   Selecting 30 or 10/27/08 and   Selecting 30 or 10/27/08 and   Incadditional selecting 30 or 10/27/08 and   Incadditional selecting 30 or 10/27/08 and   Incadditional selections were made in Feb.	2007	Astrophysics Theory and Fundamental Physics (ATFP)	184	37				
2008   Astrophysics Theory and Fundamental Physics (ATFP)   177   39   22%   Astrophysics   111   200   20%   Astrophysics   2005   Astrophysics   112   20%   Astrophysics   2005   Astrophysics   116   20   17%   Astrophysics   2006   Astrophysics   2007   2								emails
2008   Astrophysics Theory and Fundamental Physics (ATFP)   177   39   22%   Astrophysics   Selections wern made in Feb.   2004   Astrophysics Theory   111   22   20%   Astrophysics   111   2009   2005   Astrophysics Theory   128   21   16%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics   2006   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2008   Astrophysics   2009   2008   2009								selecting 30 on
Selections were part								
2008   Astrophysics Theory and Fundamental Physics (ATFP)   177   39   22%   Astrophysics   111   209   2004   Astrophysics Theory   111   22   20%   Astrophysics   2005   Astrophysics Theory   128   21   16%   Astrophysics   2006   Astrophysics Theory   128   20   17%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics Theory   118   20   17%   Astrophysics   2006   Astrophysics   2007   20								
2006   Astrophysics Theory and Fundamental Physics (ATFP)   177   39   22%   Astrophysics   111   2009   20%   Astrophysics   20%   A								selections were
2004   Astrophysics Theory   111   22   20%   Astrophysics   2005   Astrophysics   2006   Astrophysics Theory   128   21   16%   Astrophysics   2006   Astrophysics Theory   116   20   17%   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2007   Astrophysics   2008   Astrophysics   2008   Astrophysics   2008   Astrophysics   2008   Astrophysics   2008   Astrophysics   2008   Astrophysics   2009   Astrophysics   2006   Astrophysics   2009   Astrop								
2005   Astrophysics Theory   128							111	2009
2006   Astrophysics Theory   118   20   17%   Astrophysics   Approximate   317   Indicator   Indicat	2004	Astrophysics Theory						
2007   Astrophysics Strategic Mission Concept Studies	2005	Astrophysics Theory			16%	Astrophysics		
2007   Astrophysics Strategic Mission Concept Studies	2006	Astrophysics Theory	118	20	17%	Astrophysics		
2007   Astrophysics Strategic Mission Concept Studies								million total in FY 08
2007   Astrophysics Strategic Mission Concept Studies								and 09, grants from
2003   Astrophysics Research & Analysis   133   51   38%   Astrophysics   2003   Astrophysics Data Program   111   31   28%   Astrophysics   2004   Astrophysics   2005   Astrophysics   2006   Astrophysics   2007   Astrophysics   2008   Astronomy and Physics Research and Analysis   APRA   2007   Astrophysics   2008   Astrophysics   2008   Astrophysics   2008   Astrophysics   2009   Astronomy and Physics Research and Analysis   APRA   2007   Astrophysics   2006   Astronomy and Physics Research and Analysis   Analysis   Apra   2007   Astrophysics   2008   Astrophysics   2009   Astrophysics   2004   Astrophysics   2008   Astrophysics   2009   Astrophysic	2007	Astrophysics Strategic Mission Concept Studies	43	10	44%	Astrophysics	680	
2003   Astrophysics Data Analysis   24							000	ļTT
2006   Astrophysics Data Analysis   94   23   27%   Astrophysics   2007   Astrophysics Data Analysis   99   35   35%   Astrophysics   2007   Astrophysics Data Analysis   99   35   35%   Astrophysics   2008   Astrophysics Data Analysis   99   35   36%   Astrophysics   2008   Astronomy and Physics Research and Analysis (APRA)   160   45   28%   Astrophysics   2008   Astronomy and Physics Research and Analysis (APRA)   143   39   27%   Astrophysics   2007   Astronomy and Physics Research and Analysis (APRA)   143   39   27%   Astrophysics   2008   Astronomy and Physics Research and Analysis (APRA)   143   37%   Astrophysics   2009   Astronomy and Physics Research and Analysis   2007   179   55   31%   Astrophysics   2008   Astronomy and Physics Research and Analysis   2007   2008   Astronomy and Physics Research and Analysis   2004   Astronomy and Physics Research and Analysis   2004   Astronomy and Physics Research   2005   Astrophysics   2008   2009   2								·
2006   Astrophysics Data Analysis   99   35   35%   Astrophysics	2004	Astrophysics Data Analysis			27%	Astrophysics		{
2003   Astrophysics Data Analysis   100   49   49% Astrophysics   Letters sent	2006	Astrophysics Data Analysis			35%	Astrophysics		†
2008   Astrophysics Data Analysis   95   34   36%   Astrophysics   10/20	2007	Astrophysics Data Analysis			49%	Astrophysics		<b></b>
2006   Astrophysics Data Analysis   95   34   36%   Astrophysics   10/20	<u>:</u>	t-#idiidid		;i <u>~</u> -	}i-/-	·····	·	Letters sent
2005   Astronomy and Physics Research and Analysis (APRA)   160   45   28% (Astrophysics	2008	Astrophysics Data Analysis	95	34	36%	Astrophysics		
2006   Astronomy and Physics Research and Analysis (APRA)   143   39   27%   Astrophysics	2005	Astronomy and Physics Research and Analysis (APRA)	160	45	28%	Astrophysics		
2007   Astronomy and Physics Research and Analysis   APRA    151	2006	Astronomy and Physics Research and Analysis (APRA)	143	39	27%	Astrophysics		1
2006   Astronomy and Physics Research and Analysis   2007   179   55   31% (Astrophysics   298 for year 1   2008   Astronomy and Physics Research and Analysis   Astrophysics   2004   Astronomy and Physics Research   163   69   42% (Astrophysics   2005   Astro E-25/uzaku Guest Observer - Cycle 1 Resolicitation   158   59   37% (Astrophysics   2007   Wind Lidar Science   2007   Thropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research of the Composition of the Tropospheric Chemistry   Arctic Research   Arctic Resea	2007	Astronomy and Physics Research and Analysis (APRA)		41	27%	Astrophysics	1	
2006   Astronomy and Physics Research and Analysis	2006	Astronomy and Physics Research and Analysis – 2007	179	55	31%	Astrophysics	298	for year 1
2004   Astronomy & Physics Research   163   69   42% (Astrophysics   2005   Astro E2S/Izzaku Gueste Observer - Cycle 1 Resolicitation   158   59   37% (Astrophysics   2007   Wind Lidar Science   15   5   38% (Earth Science   2007   Tropospheric Chemistry: Arctic Research of the Composition of the Tropospi   75   41   56% (Earth Science   150   2004   Tropical Cloud Systems and Processes   198   25   13% (Earth Science   2003   The Ocean Surface Topography Science Team (OST/ST)   80   43   54% (Earth Science   2005   Terrestrial Hydrology   59   12   20% (Earth Science   125   Seecled 91/107   2007   Terrestrial Hydrology   49   9   18% (Earth Science   125   Seecled 91/107   2007   Terrestrial Ecology and Biodiversity   34   7   21% (Earth Science   143   Seecled 91/107   2005   Terrestrial Ecology and Biodiversity   34   7   21% (Earth Science   143   Seecled 91/107   2005   Terrestrial Ecology and Biodiversity   34   7   21% (Earth Science   143   Seecled 91/107   2005   Terrestrial Ecology and Biodiversity   34   7   21% (Earth Science   143   Seecled 91/107   21% (Earth Science   143   Seecled 91/10	2008	Astronomy and Physics Research and Analysis				Astrophysics	I	
2005   Astro E2/Suzaku Guest Observer — Cycle 1 Resolicitation   158   59   37% (Astrophysics   2007   Wind Lidar Science   13   55   38% Earth Science   2007   Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research of the Composition of the Tropospheric Chemistry: Arctic Research	2004	Astronomy & Physics Research			42%	Astrophysics	1	
2007 Vivind Lidar Science   13   5   36% (Earth Science   2007 Tropospheric Chemistry Arctic Research of the Composition of the Troposph   73   41   56% (Earth Science   150   2004 Tropical Cloud Systems and Processes   188   25   13% (Earth Science   2003 Tropical Cloud Systems and Processes   188   25   13% (Earth Science   2003 Tropical Cloud Systems and Processes   188   25   13% (Earth Science   2003 Tropical Cloud Systems and Processes   189   20% (Earth Science   2005 Tropical Hydrology   59   12   20% (Earth Science   125   Selected 91/07   2007 (Terrestrial Hydrology   49   9   18% (Earth Science   2005 Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 91/1706   2005 (Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 91/1706   2005 (Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 91/1706   2007 (Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 91/1706   34   34   7   21% (Earth Science   143   34	2005	Astro E2/Suzaku Guest Observer – Cycle 1 Resolicitation		59	37%	Astrophysics	[	1
2007   Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Composition of the Tropospheric Chemistry Artclic Research of the Tropospheric C	2007	Wind Lidar Science		5	38%	Earth Science		
2004   Tropical Cloud Systems and Processes   198   25   13% (Earth Science   2005   The Ocean Surface Topography Science Team (OST/ST)   80   43   54% (Earth Science   2005   Threestinal Hydrology   59   12   20% (Earth Science   125   Selected 9/107   2007   Terrestrial Hydrology   49   9   18% (Earth Science   2005   Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 4/17/06   2005   Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 4/17/06   2005   Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 4/17/06   2005   Terrestrial Ecology and Blodiversity   34   7   21% (Earth Science   143   Selected 4/17/06   21% (Earth Science   143   Selected 4	2007	Tropospheric Chemistry: Arctic Research of the Composition of the Troposph		41	56%	Earth Science	150	]
2003 The Ocean Surface Topography Science Team (OST/ST)     80     43     54% Earth Science       2005 Terrestrial Hydrology     59     12     20% Earth Science     125 Selected 5/107       2007 Terrestrial Hydrology     40     9     18% Earth Science     205 Terrestrial Ecology and Biodiversity     34     7     21% Earth Science     143 Selected 4/17/06	2004	Tropical Cloud Systems and Processes					I	
2005 Terrestrial Hydrology         59         12         20% Earth Science         125 [selected 5/1/07]           2007 Terrestrial Hydrology         49         9         18% Earth Science         205           2005 Terrestrial Ecology and Biodiversity         34         7         21% Earth Science         143 [selected 4/17/06]	2003	The Ocean Surface Topography Science Team (OST/ST)					l	J
2007 Terrestrial Hydrology         49         9         18% Earth Science           2005 Terrestrial Ecology and Biodiversity         34         7         21% Earth Science         143 [Selected 4/17/06]	2005	Terrestrial Hydrology			20%	Earth Science	125	Selected 5/1/07
2005 Terrestrial Ecology and Biodiversity 34 7 21% Earth Science 143 Selected 4/17/06	2007	Terrestrial Hydrology		9	18%	Earth Science		
2007 Terrestrial Ecology 59 10 17% Earth Science	2005	Terrestrial Ecology and Biodiversity			21%	Earth Science	143	Selected 4/17/06
	2007	Terrestrial Ecology	59	10	17%	Earth Science		

							Only subelements 1&2 were evaluated so far. 44 proposals remain to be
	Terrestrial Ecology	33	9		Earth Science		evaluated
2007	Space Archaeology	17	7		Earth Science		duration of the grant
2008	SMAP Science Definition Team	44	14	32%	Earth Science		
2005	Remote Sensing Science for Carbon and Climate Recompetition of the GRACE Science Team	44 32	10 22	23%	Earth Science Earth Science	180	Selected 4/4/06
	Precipitation Science	127	55		Earth Science	145	
	Physical Oceanography	37	11	30%	Earth Science	143	Selected 10/30/00
2008	Physical Oceanography	26	12		Earth Science		÷
2004	Oceans & Ice	293	53	18%	Earth Science		†
	Ocean Vector Winds Science Team	57	22		Earth Science	205	Selected 4/4/06
	Ocean Surface Topography Science Team	60	27	45%	Earth Science		
2008	Ocean Salinity Science Team				Earth Science		
2005	Ocean Biology and Biogeochemistry	22	7	32%	Earth Science	243	Selected 4/7/06 Selected 6/4/07
2006	Ocean Biology and Biogeochemistry	28 8	12 1	43%	Earth Science Earth Science	183	Selected 6/4/07
2007	Ocean Biology and Biogeochemistry			13%	Earth Science		intial selections
2008	Ocean Biology and Biogeochemistry North American Carbon Program	50 79	10 12	20% 15%	Earth Science Earth Science	225	10/17/08 two more made 3/13 Selected 6/29/06
	New Investigator Program in Earth-Sun System Science	84	25		Earth Science		Selected 5/8/06
2003	New Investigator Program in Earth Science	126	31		Earth Science		
2007	New Investigator Program in Earth Science	78	18	23%	Earth Science		
2005	NASA Energy and Water Cycle Study (NEWS) NASA Energy and Water Cycle Study - Water Quality	50	5		Earth Science	200	Selected 12/29/06
2008	NASA Energy and Water Cycle Study - Water Quality	16	4	25%	Earth Science		
2007	NASA Energy and Water Cycle Study	48 196	10 33		Earth Science Earth Science		
	NASA Energy & Water Cycle Step-2						Selected 3/31/06. The award amount is the average over 3 years Jack Kaye notes higher at start,
	NASA African Monsoon Multidisciplinary Activities (NAMMA)	49 158	23 52		Earth Science	96	then declining.
2000	Modeling, Analysis, and Prediction  Modeling, Analysis and Prediction Climate Variability and Change	225	65		Earth Science Earth Science		·
2004	Making Earth System data records for Use in Research Environment	86	29		Earth Science		
2005	Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA)	37	22	59%	Earth Science	286	Selected 9/1/05
	Land-Cover/Land-Use Change	77	17		Earth Science		†
	Land Cover/Land Use Change (LCLUC)	83	14		Earth Science	143	
	Land Cover/Land Use Change	66	18		Earth Science		Received 166 step1 proposals, out of which 48 proposals were invited to submit full proposals. Selected 18 proposals.
							Selected 5/17/07.
2006	International Polar Year Education and Public Outreach	24	9	38%	Earth Science	100	Second year funding
2006	International Polar Year	93	34		Earth Science	176	Selected 5/17/07
2003	Interdisciplinary Science in the NASA Earth Science Enterprise Interdisciplinary Research in Earth Science	346 127	60 33		Earth Science Earth Science	354	Selected 12/6/06
2006	Interdisciplinary Research in Earth Science Instrument Incubator Program	83	23		Earth Science	304	Selected 12/0/06
	Instrument Incubator Program	78	23.		Earth Science	1049	<del> </del>
2004	INSPIRING THE NEXT GENERATION OF EARTH EXPLORERS; INTEGRA	146	33		Earth Science		
							14 of 38 SDT selected; 1 Team Leader
	ICESat-II Science Definition Team Ice Cloud and Land Elevation Satellite (ICESat) and Cryosat	38 71	14 19		Earth Science Earth Science	216	selected on 9/18/08 Selected 4/17/06
2008	Hurricane Science Research	51	17	33%	Earth Science		3 additional selections made 1/23/09
2006	GNSS Remote Sensing Science Team	18	7	39%	Earth Science		1
2008	Geospace Science		1		Earth Science		ļ
			!	[			6 Million total over
2007	EarthScope: The InSAR and Geodetic Imaging Component	20	12	60%	Earth Science		the life of the awards
2003	Earth System Science Research using Data and Products from TERRA, AQI	566	199	35%	Earth Science	ļ	
2006	Earth System Science Research using Data and Products from TERRA, AQI		125	39%	Earth Science	200	approximate
	Earth Surface and Interior	71	35		Earth Science	86	Selected 8/1/07
2007	Earth Surface and Interior	58	21	36%	Earth Science		1

2000	Forth Criscon II C Podinication In continues				Fasth Calanaa	-	
2008	Earth Science U.S. Participating Investigator EARTH SCIENCE OUTREACH INVESTIGATOR AWARDS	24		8%	Earth Science Earth Science		
	Earth Science for Decision Making: Gulf of Mexico Region	24			Farth Science		ļ
	Earth Science Applications Feasibility Studies				Earth Science		ļ
2006	Decision Support through Earth-Sun Science Research Results	94	33	250/	Earth Science	N/A	Selected 4/7/06
	Decision Support through Earth Science Research Results	120				IN/A	Selected 4/7/06
2007	Decision Support through Earth Science Research Results	120	33	20%	Earth Science Earth Science		
2006	Dedision Support through Earth Science Research Results				Earth Science	-	Budgets under
		1					negotiation It is
		1					currently estimated that total funding for
	;	1	1				the selected
		1					investigations will
		1					total \$9 million
		1					dollars to cover three programmatic
		1	- 1				vears of research
2007	Cryospheric Science	54	20	37%	Earth Science		activity
2008	Cryospheric Science				Earth Science		1
	CloudSat and CALIPSO Science Team and Modeling/Analysis of A-Train Rel	120	40	33%	Earth Science	150	Selected 5/22/07
2004	Carbon Cycle Science	303	59	19%	Earth Science	-	
	/:::::::::::::::::::::::::::::::::::::						
		1					The average 3-year
		1					grant size is \$734K (year by year
		1	- 1			1	averages: Yr1- \$245K, Yr2-\$252K,
		- 1	1				\$245K, Yr2-\$252K,
		1					Yr3-\$236K). The
		1					range in grant size
		- 1	1				\$2.211K for 3 years:
		1	1				there was one 2-
2007	Corbon Cycle Science	112	35	240/	Earth Scionco	245	ivear award totaling
2007	Carbon Cycle Science	113	30	31%	Earth Science Earth Science	245	\$360K over 2 years)
2008	Carbon Cycle Science	54	9				
2008	Biodiversity	54	9	1/%	Earth Science		Selected 2/7/07
2006	Atmospheric Composition: Tropical Composition, Cloud, and Climate Couplir	79	56	71%	Earth Science	214	First year funding
	Atmospheric Composition: Science Advisory Group for the Glory Science Mit	12	12		Earth Science		Selected 7/13/07
	Atmospheric Composition: Research and Modeling-B	51	20		Earth Science	72	DERCAGO TITOTO
2000	Atmospheric Composition: Research and Medeling A (Cround Not.)	19	6	35/6	Earth Science	833	Selected 12/8/06
2006	Atmospheric Composition: Research and Modeling-A (Ground Net.)	19		32%	Earth Science		The average grant
		- 1	1				The average grant size is: \$137878,
		- 1	1			1	\$146822, \$144376.
		1	- 1				per year for the next three years For ROSES06
	!	- 1	1				three years For
		1	1			1	selections. There
	1		- 1				were a few grants
	l.,					1	that were way above
2006	Atmospheric Composition: Modeling and Analysis	64	13		Earth Science	138	average.
2008	Atmospheric Composition: Laboratory Research	51	19		Earth Science		1
2007	Atmospheric Composition: Aura Science Team	76	39	51%	Earth Science		
2008	Atmospheric Composition, field: Surface, Balloon, and Airborne Observations	56	37	66%	Earth Science		
2005	Atmospheric Composition- C	67	30	45%	Earth Science	110	Selected 3/31/06
2005	Atmospheric Composition- B (Kinetics)	23	16	70%	Earth Science	188	Selected 11/14/05
2005	Atmospheric Composition- A (Ozone Monitoring Instrument; OMI)	12	8	67%	Earth Science	113	Selected 3/31/06
	Airborne Instrument Technology Transition	35	5		Earth Science		
2007	Advancing Collaborative Connections for Earth-Sun System Science	50	16		Earth Science	10/	Selected 10/14/05
2006	Advancing Collaborative Connections for Earth System Science (ACCESS)	14	2		Earth Science	150	Selected 10/30/06
							two year awards
2007	Advancing Collaborative Connections for Earth System Science (ACCESS)	31	10	32%	Earth Science	320	A total dollar
		1	- 1			1	
	;	1	1				value over a
		- 1	1				three-year
							period of
			3			1	approximately
2008	Advanced Information Systems Technology (AIST)	100	20		Earth Science		\$25 million
2005	Advanced Information Systems Technology	99	28	28%	Earth Science	375	Selected 6/21/06
		Ţ					budgets under
		1	1				negotiation, ~
		1	1				1M each over
2008	Advanced Component Technology (ACT)	85	16	19%	Earth Science		three years
					Earth Science		1
	Advanced Component Technology	92	14	15%			budgets being
	Advanced Component Technology	92	14				
2007	Advanced Component Technology  Accelerating Operational Use of Research Data	92 16	14 6	15% 38%	Earth Science	1	negotiated
2007	``````````````````````````````````````						negotiated Funds sent out in FY
	Accelerating Operational Use of Research Data	16					08 & 09 were \$1.952k & \$1.376k
	``````````````````````````````````````			38%			08 & 09 were \$1.952k & \$1.376k
	Accelerating Operational Use of Research Data	16	6	38%	Earth Science		08 & 09 were \$1,952k & \$1,376k respectively
	Accelerating Operational Use of Research Data	16	6	38%	Earth Science		08 & 09 were \$1,952k & \$1,376k respectively
	Accelerating Operational Use of Research Data	16	6	38%	Earth Science		08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY
2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data	16 17	6 11	38% 65%	Earth Science Heliophysics		08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 \$ 396k in FY 09
2005	Accelerating Operational Use of Research Data	16	6	38% 65%	Earth Science	82	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 \$ 396k in FY 09 and \$358k in FY 10
2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data	16 17	6 11	38% 65%	Earth Science Heliophysics	82	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 \$ 396k in FY 09 and \$ 358k in FY 10 760F079d amounts
2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data	16 17	6 11	38% 65%	Earth Science Heliophysics	82	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 \$ 396k in FY 00 and \$ 358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k
2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data	16 17 33	6. 11. 13.	38% 65% 39%	Earth Science Heliophysics Heliophysics		08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 & 396k in FY 09 and \$ 358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9 10, & 11
2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data	16 17	6 11	38% 65% 39%	Earth Science Heliophysics	82	08 & 09 were \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY 9, 10, & 11 respectively.
2005 2006 2007	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data	16 17 33	6. 11. 13.	38% 65% 39% 64%	Earth Science Heliophysics Heliophysics Heliophysics		08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 08 & 396k in FY 09 and \$ 358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9 10, & 11
2005 2006 2007 2008	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center	16 17 33 28	6. 11. 13. 18.	38% 65% 39% 64% 25%	Earth Science Heliophysics Heliophysics Heliophysics Heliophysics		08 & 09 were \$1,376k respectively 82 is approximate. Approved amounts were 1,069k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY 9, 10, & 11 respectively.
2005 2006 2007 2008	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data	16 17 33	6. 11. 13.	38% 65% 39% 64% 25%	Earth Science Heliophysics Heliophysics Heliophysics	94	08 & 09 were \$1,952 k \$1,376k respectively 82 is approximate. Approved amounts were 1,068 k in FY 08 9 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2005	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center Solar and Heliospheric Physics	16 17 33 28	6. 11. 13. 18.	38% 65% 39% 64% 25% 12%	Earth Science  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics	94	08 & 09 were \$1,952 k \$1,376k respectively 82 is approximate. Approved amounts were 1,068 k in FY 08 9 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2005 2006	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center Solar and Heliospheric Physics Solar and Heliospheric Physics	16 17 33 28 8 150 118	11. 13. 18. 2. 18. 33.	38% 65% 39% 64% 25% 12% 28%	Earth Science  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics	94	08 & 09 were \$1,952 k \$1,376k respectively 82 is approximate. Approved amounts were 1,068 k in FY 08 9 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2006 2006 2007	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center Solar and Heliospheric Physics Solar and Heliospheric Physics Solar and Heliospheric Physics Solar and Heliospheric Physics	16 17 33 28 8 150	11. 13. 18. 2.	38% 65% 39% 64% 25% 12% 36%	Earth Science  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics  Heliophysics	94	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,068k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2005 2006 2007 2008	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center Solar and Heliospheric Physics	16 17 33 28 8 150 118 78	11. 13. 13. 18. 2. 18. 33. 28.	38% 65% 39% 64% 25% 12% 28% 36%	Earth Science  Heliophysics	94	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,068k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2005 2006 2007 2008 2008 2008	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Opynamics Observatory Science Center Solar and Heliospheric Physics	16 17 17 33 33 28 8 150 118 76	11. 13 18 18 2 18 33 33 33 28 26 25 25 25	38% 65% 39% 64% 25% 12% 36%	Earth Science  Heliophysics	94	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,068k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2005 2006 2007 2008 2003 2004	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Dynamics Observatory Science Center Solar and Heliospheric Physics Solar as Heliospheric Physics Solar as Heliospheric Physics Solar as Heliospheric Physics	16 17 17 33 33 28 8 150 118 178 178 179 119	11 13 13 18 2 18 18 25 5 5 5 5 5	38% 65% 39% 64% 25% 12% 28% 36% 36% 31%	Earth Science  Heliophysics  Heliophysics	94	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,068k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2005 2006 2007 2008 2006 2007 2008 2003 2004 2004	Accelerating Operational Use of Research Data  Virtual Observatories for Solar and Space Physics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Virtual Observatories for Heliophysics Data  Solar Opynamics Observatory Science Center Solar and Heliospheric Physics	16 17 17 33 33 28 8 150 118 76	11. 13 18 18 2 18 33 33 33 28 26 25 25 25	38% 65% 39% 64% 25% 28% 28% 36% 34% 35%	Earth Science  Heliophysics	94	08 & 09 were \$1,952k & \$1,376k respectively 82 is approximate. Approved amounts were 1,068k in FY 09 and \$358k in FY 10 Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.

2004	SEC Guest Investigator	172	64	37%	Heliophysics		
	Magnetospheric Multiscale Mission Interdisciplinary Science Teams	18	3	17%	Heliophysics		
2006	Living with a Star Targeted Research and Technology: Strategic Capability	7	1	14%	Heliophysics		
2007	Living with a Star Targeted Research and Technology: Strategic Capability	Deferred	Deferred	Deferred	Heliophysics		Deferred
2008	Living With a Star Targeted Research and Technology: Strategic Capability	18	6		Heliophysics		
2005	Living With a Star Targeted Research and Technology: NASA/NSF Partnersh Living with a Star Targeted Research and Technology	163	51	31%	Heliophysics Heliophysics		
2006	Living with a Star Targeted Research and Technology	150	42	28%	Heliophysics		
2007	Living with a Star Targeted Research and Technology	163	51	31%	Heliophysics	110	
2008	Living With a Star Targeted Research and Technology Living With a Star Targeted Research & Technology	[	1		Heliophysics		
2004	Living With a Star Targeted Research & Technology	148	49	33%	Heliophysics		
2003	Living with a Star Targeted Research & Technology	187 Cancelled	52	28%	Heliophysics		
2007	Living With a Star Space Environment Testbeds International Heliophysical Year Research	Cancelled 29	Cancelled 9	Cancelled	Heliophysics Heliophysics		cancelled
2000	international rieliophysical real Research	25		31/6	riciiopriysics		
							The averages of awards for FY2009 and 2010 are \$436K
2007	Heliophysics Theory	25	10		Heliophysics	431	
2006	Heliophysics Guest Investigators Heliophysics Guest Investigators	92 96	26 25	28%	Heliophysics Heliophysics	106	geospace only solar only
2006	Heliophysics Guest Investigators Heliophysics Guest Investigators	80	29		Heliophysics	121	solar only
2007	incliophysics odest investigators		- 23	3070	Ticliophysics	121	This number is
		1					approximate. Average was 116 for
							S&H portion (not
2007	Heliophysics Guest Investigators	64	20	31%	Heliophysics	120	Geospace)
				1			
		1		1			16 out of 62 (26%)
		1		}			
		1		1			Geospace 24
		1		1			out of 71 (34%)
			1				S&H (18) and
I		1		}			IBEX (6). \$500
I		1		1			k available for CINDI, which is
		1	:	1			still pending as
2008	Heliophysics Guest Investigators	133	40	30%	Heliophysics	116	of 3/26/09
2008	Guest Investigator Studies with C/NOFS	155		3070	Heliophysics		01 3/20/03
2003	Geospace Sciences SR&T	95	24	25%	Heliophysics		ļ
2003	Geospace Sciences LCAS	27	11		Heliophysics		
2004	Geospace Science	121	41	34%	Heliophysics		
2005	Geospace Science	156	27	17%	Heliophysics		
2006	Geospace Science	94	24	26%	Heliophysics		
2007	Geospace Science	85	32		Heliophysics	107	
2003	Advanced Information Systems Research	123	33	27%	Heliophysics		
2004	Venus Express	13	9		Planetary Science		
2006	Stardust Sample Analysis	30	22	73%	Planetary Science		
2004	Stardust Participating Scientists	24 12	18 6	75%	Planetary Science	266	
2005	Sample Return Laboratory Instruments and Data Analysis	18	6	50%	Planetary Science	472	
2000	Sample Return Laboratory Instruments and Data Analysis Sample Return Laboratory Instruments and Data Analysis	10	7	700/	Planetary Science Planetary Science	366	
	Sample Return Laboratory Instruments and Data Analysis	28	15		Planetary Science	245	
2003	Sample Return Laboratory Instrument & Data Analysis	21	9	43%	Planetary Science		
2004	Sample Return Laboratory Instrument & Data Analysis	17	7	41%	Planetary Science		
2005	Planetary Protection Research	11	2	18%	Planetary Science	130	
2006	Planetary Protection Research	22	4	18%	Planetary Science	130	
2007	Planetary Protection Research	15			Planetary Science		
2008	Planetary Protection Research	10	2		Planetary Science		
2003	Planetary Protection		2	20%	Planetary Science	-	-
2004	Planetary Protection Planetary Mission Data Analysis	10	4	40%	Planetary Science Planetary Science		
2000	Planetary Major Equipment	<del>}</del>		}	Planetary Science		<u> </u>
2003	Planetary Instrument Definition and Development	58	15	26%	Planetary Science		ļ
2004	Planetary Instrument Definition and Development	66	11	17%	Planetary Science		
2005	Planetary Instrument Definition and Development	100	10	10%	Planetary Science	234	
2006	Planetary Instrument Definition and Development	104	18	17%	Planetary Science	231	
l		[		[	[	[	Total value of the
I		1		1			lotal value of the selected
	D				Di		proposals: ~\$11M
2007	Planetary Instrument Definition and Development	115	15	13%	Planetary Science		ļ
	Planetary Instrument Definition and Development	115	62	FAR	Planetary Science Planetary Science		ļ
2003	Planetary Geology and Geophysics Planetary Geology and Geophysics	115	73		Planetary Science		
2004	Planetary Geology and Geophysics Planetary Geology and Geophysics	121		48%	Planetary Science	67	<u> </u>
2006	Planetary Geology and Geophysics	99	48	48%	Planetary Science	67	
2007	Planetary Geology and Geophysics	120	40		Planetary Science	97	
		[				1	
I		1		1			l
I		1	:	1			Many more
I		1		1			remain
I		1	:	}			selectable. The
		1	i	1			82 K avg does
		1	:	1			not include a
		1	:				single large
I		1		}	1		award to USGS
2000	Planetan, Coolean and Coophysics		28	250	Planeton, Caiana	00	for Planetary
2008	Planetary Geology and Geophysics	114	28	25%	Planetary Science	82	Cartography.
2003	Planetary Data System Nodes NRA	; 7	: 5	( /1%	Planetary Science	1	

					,		
			į				2 additional selections
			į				made in early
2008	Planetary Atmospheres (PATM)	81	32	40%	Planetary Science	125	Feb 2009
2003	Planetary Atmospheres Planetary Atmospheres	80	44	55%	Planetary Science		
2004	Planetary Atmospheres	75	43	57%	Planetary Science		
2005	Planetary Atmospheres	84	29		Planetary Science	104	
2006	Planetary Atmospheres	63 81	21 27	33%	Planetary Science	108 104	
2008	Planetary Atmospheres Planetary Astronomy (PAST)	46	18	39%	Planetary Science Planetary Science	125	
2003	Planetary Astronomy	65	30	46%	Planetary Science		
2004	Planetary Astronomy	41	29	71%	Planetary Science		
2005	Planetary Astronomy	38	23		Planetary Science	89	ļ
2006	Planetary Astronomy	52	19	37%	Planetary Science	79	
			1	1			103 is the average
2007	Planetary Astronomy	61	34	56%	Planetary Science	83	for all awards old and new
2004	Outer Planets Research	166	54	33%	Planetary Science		
2005	Outer Planets Research	81	29	36%	Planetary Science	81	
2006	Outer Planets Research	51	13	25%	Planetary Science	98	
			:				11 more awards
			:				were selected on
			1				2/6/2009, bringing the total up to
			:				44/120. These
			1				were the geophysics
			1				portion" of the
			:				program. 85 K
			;				This is the average for both
			!				average for both new and
	Outer Planets Research Outer Planets Research	120	44	37%	Planetary Science	85	continuing awards
	Origins of Solar Systems	85	19	22%	Planetary Science		
2004	Origins of Solar Systems	92	39	22.70	Planetary Science Planetary Science		
2006	Origins of Solar Systems	73	25	34%	Planetary Science	62	
2007	New Horizons at Jupiter Data Analysis	Deferred	Deferred	Deferred	Planetary Science		
	Near Earth Object Observations	15	7	47%	Planetary Science		L
2004	Near Earth Object Observations Near Earth Object Observations	6 10	5 5	83%	Planetary Science Planetary Science	257	
	Near Earth Object Observations	14	5	36%	Planetary Science	344	
2000	i Carti Object Observations	17	÷	3070	i lanctary ocionico		364 is the
			1	1			average for all awards old and
2007	Near Earth Object Observations	18	3	17%	Planetary Science	304	new
2007	Moon and Mars Analogue Mission Activities MMAMA	20	11	55%	Planetary Science	41	
2008	Moon and Mars Analog Mission Activities		I		Planetary Science		
2006	MESSENGER Mission Participating Scientists  Mars Reconnaissance Orbiter Participating Scientists	52 71	23 17		Planetary Science Planetary Science		
2000	wars recomassance Orbiter Participating Scientists		············	24 /0	Fiancially Science		4 remain
			į	1			selectable. The 7 awards are worth
			į				a total of \$9.2M
			:				over three years,
			į				with an average of \$450,000 each for
							the first year (FY
2007	Mars Instrument Development Project Mars Fundamental Research	63 101	43	11%	Planetary Science Planetary Science	450	2008).
	Mars Fundamental Research	120	37	31%	Planetary Science	80	
2006	Mars Fundamental Research	126	35	28%	Planetary Science	89	
	,		†	1		1	5 addnl selection
2007	: Mars Fundamental Research	101	40	40%	Planetary Science	285	letters went out 3/28/08
2008	Mars Fundamental Research			1	Planetary Science		
2005	Mars Exploration Rovers (MER) Participating Scientists [1]	35	8	23%	Planetary Science		
2003	Mars Exploration Advanced Technologies	131	60	46%	Planetary Science		
	Mars Data Analysis	85	37	44%	Planetary Science	ļ	
2004	Mars Data Analysis Mars Data Analysis	108 96	45 27	42%	Planetary Science	67	ļ
	Mars Data Analysis Mars Data Analysis	100	23	20%	Planetary Science Planetary Science	83	<u> </u>
2007	Mars Data Analysis	78	33	42%	Planetary Science	96	
2008	Mars Data Analysis	88	31	35%	Planetany Science	86	
2008	Lunar and Planetary Science U.S. Participating Investigator				Planetary Science Planetary Science		
2007	Lunar Advanced Science and Exploration Research	162	43	27%	Planetary Science		
2008	Lunar Advanced Science and Exploration Research LRO Participating Scientists	56	24	1	Planetary Science Planetary Science		
2007	Jupiter Data Analysis	40	14	35%	Planetary Science	101	
	In-Space Propulsion - Cycle 3	12	1		Planetary Science		
2004	Hyabusa Participating Scientists	3	1	33%	Planetary Science		
2003	High Capability Instruments for Planetary Exploration	29	11	38%	Planetary Science		
2007	Fellowships for Early Career Researchers		ļ	1	Planetary Science		
2007	Fellowships for Early Career Researchers	105	44		Planetary Science		
2003	Exobiology Discovery Data Analysis	105 15	12	42%	Planetary Science Planetary Science		
2004	Discovery Data Analysis Discovery Data Analysis	21	14	67%	Planetary Science	93	}
2006	Discovery Data Analysis  Discovery Data Analysis	41	24		Planetary Science	92	
				70			

				,			Program officer
		1	1	1			Program officer notes that
	 	1	ì	1			\$2,051,942 was
	 	1	ì	1			total for an
		1	į.	}			average of
		1	į.	}			
		}	1	3			\$136,796 per
		1	į.	}			award. "This is a
	 	1	ì	1			little high due to a
		1	1	1			few large dollar
		1	1	1			amount awards.
		1	1	1			The true average
		1	1	1			is probably closer
2007	Discovery Data Analysis	30	15	50%	Planetary Science	137	to \$100K."
	Discovery DA	25	16		Planetary Science		ļ
2003	IDISCOVERY DA	23	10	04/0	Flatietaly Science		ļ
		1	į.	1			
		1	į.	1			Total value of the selected
1	1 1	1	1	1			
		1	1	1			proposals: ~\$2.3N
	Discovery and Scout Mission Capabilities Expansion	40	9		Planetary Science	L	
2004	Critical Issues in Electric Propulsion	13	4	31%	Planetary Science		
2003	Cosmochemistry	66	36	55%	Planetary Science		
	Cosmochemistry	69	36		Planetary Science		
2005	Cosmochemistry Cosmochemistry	84	43	51%	Planetary Science	130	
2006	Cosmochemistry	75	36	48%	Planetary Science	127	
	Countries	ļ		}	i idilotaly cololido		Does not include
		1	į.	1			PME. \$4.151 M in
1		ŧ	1	1			new awards,
1		E	1	(			S14.4 M total
					Diameters Colors	4	\$14.4 M total
	Cosmochemistry	58	27		Planetary Science		awarded in 2007
2008	Cosmochemistry	68	31	46%	Planetary Science	153	
2008	Concept Studies for Human Tended Suborbital Science	17	1	6%	Planetary Science	49	
			27				
	Cassini Data Analysis	71			Planetary Science	95	L
2007	Cassini Data Analysis	77	41	53%	Planetary Science	93	
	Cassini Data Analysis	61	20		Planetary Science	96	
						30	
2004	Astrobiology: Exobiology and Evolutionary Biology	130	51		Planetary Science		
2005	Astrobiology: Exobiology and Evolutionary Biology	160	28	18%	Planetary Science	133	
2006	Astrobiology: Exobiology and Evolutionary Biology	103	23	22%	Planetary Science	117	
2000	instructionary. Exobiology and Evolutionary biology		÷	22 /0	i lanctary ocience		Avg of 471 K totar
		1	:	}			if funded for all
1		ł.	1	1			
		i	1				three years as
2007	Astrobiology: Exobiology and Evolutionary Biology	113	33	29%	Planetary Science	167	budgeted.
2008	Astrobiology: Exobiology and Evolutionary Biology				Planetary Science		
	Astrobiology Science and Technology Instrument Development, including Co	ncent Studie	s for Astrobio		Planetary Science		
				00/			
2005	Astrobiology Science and Technology Instrument Development	88	. 0	U76	Planetary Science	L	
		1	:	}			Average Duration of Awards: 3.25
			1				
2007	Astrobiology Science and Technology Instrument Development	97	17	18%	Planetary Science	301	years
2004	Astrobiology Science & Technology for Exploring Planets	39	9	23%	Planetary Science		
2005	Astrobiology Science & Technology for Exploring Planets	88	0	0%	Planetary Science		
	the control of the co	}	4 <u>-</u> -		rianotary colonoc		but the average
		}	1	3			planned per year
		}	1	3			awarded amount
		}	1	3			integrated over all
		1	:	}			
000-	A to bid a Color of Factor	]	; _	4000	DI	4	four years is ~ 120
	Astrobiology Science & Technology for Exploring Planets	54	7		Planetary Science	148	K
2003	Astrobiology Science & Technology	47	20	43%	Planetary Science		1
2004	Astrobiology Science & Tech. Instrum. Dev.	91	9	10%	Planetary Science	·	
2004	LOTED			1070	Di lanctary Ocience		
	ASTEP	35	10		Planetary Science		
2003	Advanced Electric Propulsion	9	2	22%	Planetary Science		
2005	2001 Mars Odyssey Participating Scientists	24		67%	Planetary Science		
2000	Space Science Vision Missions	27			X Div		
			15				
	Origins of Solar Systems	98	31		X Div	66	L
2007	Origins of Solar Systems	104	27	26%	X Div	87	
	×	; <u></u> -	+	<del>}</del>		·	31st selection
1		}	;	3			
1		1	:	}			was made
2008	Origins of Solar Systems	94	31	33%	X Div	101	2/10/09.
	Opportunities in Science Mission Directorate Education and Public Outreach		16		X Div	·	
2000	Opportunities in ocience ivission directorate Education and Public Outleach	00	10	2076	~ PIV		<u> </u>
1		}	;	}			Average total
1		}	;	}			for the entire
1		1	:	}			duration of the
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		l .	:	1			award was
1	i e e e e e e e e e e e e e e e e e e e	74	18	24%	X Div	132	426,000
2008	Opportunities in Science Mission Directorate Education and Public Outreach	( /4					<del> </del>
			11	30%	X Div		
2004	New Millennium Space Technology 9	37	11	30%			ļ
2004 2008	New Millennium Space Technology 9 Near Earth Object Observations (NEOO)	37 15	4	27%	X Div	325	
2004 2008 2005	New Millennium Space Technology 9 Near Earth Object Observations (NEOO) Interdisciplinary Exploration Science	37		27%		325	
2004 2008 2005	New Millennium Space Technology 9 Near Earth Object Observations (NEOO) Interdisciplinary Exploration Science	37 15 100	4 3	27% 3%	X Div X Div	325	
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